

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	12/14/2012	17:35		
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
CBR Team #2	Name:	Dan Capone & Chris Lantinga (START/US EPA)	From:	12/14/2012 07:00
	Position:	Operations Section Chief	To:	12/14/2012 16:00
7. Personnel Roster Assigned				
<u>Name</u>	ICS Position		DUTY CELL	
Dan Capone	Operations Section Chief			
Chris Lantinga	Operations Section Chief			
Dan Zahner	Field Team Lead			
Hugh Murrell	CBR #2			
8. Activity Log				
Activity Area	Sediment trap area at MP 0575 (Ceresco Dam Area) and MP 3775 Delta Boom B		LAT	LAT
			Various	Various
			(DD.MMMM)	(DD.MMMM)
<u>OIL OBSERVED</u>	EXTENT OF OIL IMPACTED AREA	NA		
	DENSITY OF OIL /SHEEN	NA		
Total Collection Points	NA			
Total Boom Deployed	NA			
Activity	<p><u>START CBR Team 2 Activity:</u></p> <p>START CBR 2 conducted oversight documentation of Enbridge Team of Russell Platte (Team Lead) and Ross Cudney from Superior (Trimble SPC3 Operator, YUMA Operator and Data Logger). The base station was set up at boat launch (MP 5.75 LDB) bench mark CP 1025 and CP1023 for work on transect EE. We finished points EE-49 through EE-77. The back shots and QC back shots were taken at bench mark CP 1022 and CP 1023 on the RDB side at MP 5.75. The delta V for the back shots was .02 or less. Our team took river flow readings, water depth and bathymetry readings along transect EE for the Ceresco Dam Area. Points are taken every four feet along transects. Water flow readings are collected approximately at every twentieth point.</p> <p>The team then mobilized to mile post 37.75 in the delta to take points along transect Boom BD. The team took back shots at bench mark CP 1002 and CP 1003. The delta V was less than 0.02 for both of these points.</p> <p>The team used the Trimble S6 base station (Robot), Trimble SPC3 hand held data logger, YUMA, global water probe model FP211 for velocity flow, metal prism rod with 8" metal disk on the bottom for water depth and to survey each point.</p>			

	<p>Summary Ceresco Dam Transect EE (MP 5.75) and Boom BD Delta (MP 37.75)</p> <p>Our team collected bathymetry measurements at 28 points along transect EE, and 20 points along Boom BD in the delta. We really did finish the Ceresco area today. Our team took 4 flow measurements on transect EE, and 1 flow on transect Boom BD. Progress was quite slow in the delta area due to the lag time in the Trimble unit and trying to tie into certain points. After a certain time, our team was able to string a line between two stakes to get points along the transect. It was thought at the time that the distance between our points and the total station robot was great enough that there was reflection from the water surface in an area with no wind. Both the back shot measurements at mid day and at the end of the day were less than 0.02. AECOM brought another Yuma with points downloaded on to it but we were able to get points with only our Trimble unit.</p> <p>Weather: The morning 30 degrees and sunny. The afternoon was approximately 44 degrees with a light wind out of the southwest. Quite nice.</p>
Health and Safety Issues	
Comments	